

Practitioner's Docket No. AMK-11317-1D

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Paul Robert Hoffman et al.

Application No.: Filed Herewith

Parent Appln. Group No.: 2811

Filed: Filed Herewith

Parent Appln. Examiner: Cuong Quang Nguyen

For: "Structures For Improving Heat Dissipation In Stacked Semiconductor Packages"

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Date: February 2, 2004

INFORMATION DISCLOSURE STATEMENT

List of Sections Forming Part of This Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

1. Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted

Section 1. Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted

This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No.: 10/013,396, filed on 12/07/2001.

Copies of the documents listed on the accompanying Form PTO-1449 that are not enclosed were previously submitted in Application No. 10/013,396, from which this Application claims an earlier effective filing date.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP § 609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56.

This statement qualifies under 37 C.F.R. § 1.97, subsection (b) because (check all that apply):

- (1) It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)
-- OR --
- (2) It is being filed within 3 months of entry of a national stage
-- OR --
- (3) It is being filed before the mail date of the first Office Action on the merits.
-- OR --
- (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114

SN: Filed Herewith

37 C.F.R. § 1.97(c). If this statement is being filed after the period specified in § 1.97(b), but before the mailing date of the earlier of a final office action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, then:

a certification as specified in § 1.97(e) is provided below; or

a fee of \$180.00 as set forth in § 1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

37 C.F.R. § 1.97(d). If this statement is being filed after the period specified in § 1.97(c), but on or before payment of the issue fee, then:

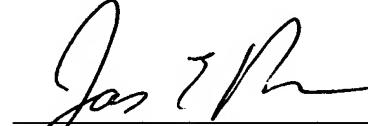
A. a certification as specified in § 1.97(e) is completed below; and

B. a fee of \$180.00 as set forth in § 1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

Fee Authorization. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 50-0574 (Docket No. AMK-11317-1D).

Date: 2/2/04

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Customer No.: 022888



Signature of Practitioner

James E. Parsons
Bever, Hoffman & Harms, LLP

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U.S. Department of Commerce, Patent and Trademark Office		Atty Docket No.	Serial No.
		AMK-11317-1D	unknown
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicants	
(Use several sheets if necessary)		Paul Robert Hoffman et al.	
		Filing Date	Group
		Herewith	unknown

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	6,005,778	12/21/99	Spielberger, et al.	361	770	
	AB	4,763,188	8/9/88	Johnson	357	74	
	AC	5,025,306	6/18/91	Johnson, et al.	357	75	
	AD	5,291,061	3/1/94	Ball	257	686	
	AE	5,323,060	6/21/94	Fogal, et al.	257	777	
	AF	5,721,452	2/24/98	Fogal, et al.	257	685	
	AG	5,739,581	4/14/98	Chillara, et al.	257	668	
	AH	5,815,372	9/29/98	Gallas	361	760	
	AI	5,886,412	3/23/99	Fogal, et al.	257	777	
	AJ	Re. 36,613	3/14/00	Ball	257	777	
	AK	6,051,886	4/18/00	Fogal, et al.	257	777	

Foreign Patent Documents

		Document	Date	Country	Class	Subclass	Translation
	AL	62-126661 Eng. Abs.	6/8/87	Japan	H01L	25/04	
	AM	4-56262 Eng. Abs.	2/24/92	Japan	H01L	25/65	
	AN	63-244654 Eng. Abs.	10/12/88	Japan	H01L	23/28	
	AO	5136323 Eng. Abs.	6/1/93	Japan	H01L	23/50	
	AP	5109975 Eng. Abs.	4/30/93	Japan	H01L	25/065	
	AQ	61117858 Eng. Abs.	6/5/86	Japan	H01L	25/08	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

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		Herewith	unknown

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	6,057,598	5/2/00	Payne, et al.	257	723	
	AB	5,502,289	3/26/96	Takiar, et al.	174	266	
	AC	5,793,108	8/11/98	Nakahishi, et al.	257	723	
	AD	5,973,403	10/26/99	Wark	257	777	
	AE	5,696,031	12/9/97	Wark	437	209	
	AF	5,495,398	2/27/96	Takiar, et al.	361	790	
	AG	5,463,253	10/31/95	Waki, et al.	257	724	
	AH	5,012,323	4/30/91	Farnworth	357	75	
	AI	5,689,135	11/18/97	Ball	257	676	
	AJ	5,347,429	9/13/94	Kohno, et al.	361	813	
	AK	6,080,264	6/27/00	Ball	156	292	

Foreign Patent Documents

Translation

		Document	Date	Country	Class	Subclass	Yes	No
	AL	4028260 Eng. Abs.	1/30/92	Japan	H01L	25/065		
	AM	4116859 Eng. Abs.	4/17/92	Japan	H01L	25/065		
	AN	4096358 Eng. Abs.	3/27/92	Japan	H01L	25/065		
	AO	5013665 Eng. Abs.	1/22/93	Japan	H01L	25/065		
	AP	1028856 w/Eng. Abs.	1/31/89	Japan	H01L	27/00		X
	AQ	1099248 A w/Eng. Abs.	4/18/89	Japan	H01L	25/08	X	

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U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	5,422,435	6/6/95	Takiar, et al.	174	52.4	
	AB	6,072,243	6/6/00	Nakanishi	257	783	
	AC	6,214,641	4/10/01	Akram	438	107	
	AD	5,715,147	2/3/98	Nagano	361	813	
	AE	6,133,637	10/17/00	Hikita, et al.	257	777	
	AF	5,866,949	2/2/99	Schueller	257	778	
	AG	6,326,696	12/4/01	Horton, et al.	257	777	
	AH	5166772	11/24/92	Soldner et al.	257	659	
	AI	5200809	04/09/93	Kwon	257	707	
	AJ	5365107	11/15/94	Kuraishi et al.	257	673	
	AK	5530202	06/25/96	Dais et al.	174	35 R	

Foreign Patent Documents

Translation

		Document	Date	Country	Class	Subclass	Yes	No
	AL	60182731 w/Eng. Abs.	9/18/85	Japan	H01L	21/60		X
	AM	56062351 w/Eng. Abs.	5/28/81	Japan	H01L	25/04		X
	AN	3169062 w/Eng. Abs.	7/22/91	Japan	H01L	25/065		X
	AO	10-256470	9/25/98	Japan	H01L	25/065	X	
	AP	1071162 A Eng. Abs	3/16/89	Japan	H01L	23/52		X
	AQ	5-75015 (A) Eng. Abs	3/26/93	Japan	H01L	25/065		X

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	AA	5656864	8/12/97	Mitsue et al.	257	787	
	AB	6246115 B1	06/12/01	Tang et al.	257	706	
	AC	6429512 B1	08/06/02	Huang et al.	257	706	
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents

		Document	Date	Country	Class	Subclass	Translation	
	AL	503 201 A2	12/20/91	EPO	H01L	23/495		
	AM	64001269 Eng. Abs.	1/5/89	Japan	H01L	25/04		
	AN	4056262 w/Eng. Abs.	2/24/92	Japan	H01L	25/065		
	AO	62126661 w/Eng. Abs.	6/8/87	Japan	H01L	25/04		X
	AP	63128736 w/Eng. Abs.	6/1/88	Japan	H01L	23/04		X
	AQ							

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